

CSA/MSA: Louisville-Jefferson County-Elizabethtown-Scottsburg, KY-IN CSA / Louisville-Jefferson, KY-IN MSA

401 KAR 50:020 Air Quality Region: Louisville Interstate (078)

Site Name: Watson Lane

AQS Site ID: 21-111-0051

Location: Watson Lane School, 7201 Watson Lane, Louisville, KY 40272

County: Jefferson

GPS Coordinates: 38.06091, -85.89804 (WGS 84)

Date Established: July 16, 1992

Inspection Date: December 21, 2009

Inspection By: Jennifer F. Miller

Site Approval Status: Site and monitors meet all design criteria for the monitoring network.



The monitoring site is a stationary equipment shelter located on the grounds of the Watson Lane Elementary School in Louisville, Kentucky. The sample inlets are 4 meters above ground level and 30 meters from the nearest road. The most recent site inspection was conducted on December 21, 2009. The air monitoring site was found to be in accordance with 40 CFR Part 58, Appendices C, D, E and G.

Monitoring Objective:

The monitoring objectives are to determine compliance with National Ambient Air Quality Standards and to provide pollution levels for daily index reporting.

Monitors:

Monitor Type	Inlet Height (meters)	Designation	Analysis Method	Frequency of Sampling
AEM Ozone	4.3	SLAMS AQI	UV photometry	Continuously March 1 – October 31
FRM PM _{2.5}	4.8	SLAMS	Gravimetric	24-hours every sixth day
PM _{2.5} TEOM	4.6	Other AQI	Tapered element oscillating microbalance, gravimetric	Continuously
AEM Sulfur Dioxide	4.3	SLAMS AQI	UV fluorescence	Continuously

Quality Assurance Status:

All Quality Assurance procedures have been implemented in accordance with 40 CFR 58, Appendix A.